

Date: 11-2-11 Approved: [Signature] Rejected: [Signature]

County: Orange L.P. Gas Inspection Report 1050 Mail Service Center Raleigh NC 27699-1050 Stephen Benjamin, Director (919) 733-3313

Site Name: LMC Burlington Facility Address: 1907 Orange Chapel, Cloner, Cary, NC

Number and Size of Tanks: 512003465 / 511000971 BULK PLANT INSPECTION File No. 2490

Make repairs by: 30 DAYS, and return this entire report, not a copy, duly signed, to this office

Date ALL Repairs Completed: [Blank] NOTE: Regulatory Cite - G.S. 119, Article 5 and 2 NCAC 38

Name of Service Person: [Blank] Inspector: [Signature] Agent: [Signature]

1. TANKS

- a. () Data Plate Legible (5.2.8.3)
b. () 250 PSI Working Pressure (5.2.4.2)
c. () Rotary Gage or Magnetic Quantity Gage (5.7.4.4)
d. () Pressure Gage (5.7.4.4)
e. () Temperature Gage (5.7.4.4)
f. () Contour Concrete Saddles or Welded Steel Saddle on Concrete Pier (6.6.3.1)
g. () Corrosion protection between tank & saddle (6.6.3.5)
h. () Paint (6.6.1.4)
i. () Relief Valves, proper (6.7.2.3)
j. () Relief Valve discharge, (6.7.2.14)
k. () Relief Valve Riser Cover (6.7.2.4)
l. () Excess flow and back check valves located in container (5.7.8.1)
m. () Shutoff valves as close to container as practical (5.7.8.1)(E)
n. () Thermal and remote closure (6.11.3)
o. () Remote shutdown station and sign (6.11.4)(6.11.5)
p. () Leak free (6.14.1)
q. () Openings labeled LIQUID or VAPOR (5.7.8.5)
r. () Proper separation from buildings, property lines (6.3.1)
s. () 5 feet (or as req.) between tanks (6.3.1)
t. () 20 feet from other fluids greater than 660 gallons capacity (6.4.5.5)
u. () 6 feet horizontal from overhead power line of 600V or more (6.4.5.12)
v. () Protected from vehicular traffic (6.6.1.2)
w. () Tank or property identified as to owner/user. (GS 119.58 (b))
x. () Cathodic protection for UG/rounded tank (6.6.6)

- i. () Excess flow valve where pipe size decreases (5.7.8.1)(H)
j. () Piping & valves on pump pressure -350 PSI min. (5.12.2)
3. TRANSFER POINTS (Bulkhead, Rail Load, Bottle Fill)
a. () Cargo vehicles located 10' minimum from tank (7.2.3.3)
b. () 25 feet from public ways (6.5.3)
c. () 25 feet from buildings, openings, pits, property lines, railroad tracks (6.5.3)
d. () 50 feet from outdoor public assembly (6.5.3)
e. () 5 feet from driveways (6.5.3)
f. () 20 feet from other fields greater than 660 gallons capacity (6.4.5.5)
g. () 15 feet from non-Class 1, Division 2, electrical wiring and fixture (6.22.2)
h. () 10 feet from containers other than those being filled -includes stored tanks (Table 6.5.3)
i. () Hoses 350 PSI-labeled, good condition (5.9.6.4)
j. () Bulkhead securely anchored (6.12.8)
k. () Bulkhead design protects plant piping (Reg. .0701 (1) (f)) (6.12.8)
l. () Automatic closure of ESV's (Reg. .0701(1)(f)) (6.12.6)
m. () Piping at bulkhead labeled &/or color coded (5.7.8.5)
n. () Back check, emergency shutoff valves (ESV) located behind bulkhead (6.12.8)
o. () ESV has remote actuations and is operational (5.12.4)(6.12.9)(3)
p. () ESV thermal actuation (6.12.6)(5.12.4)
q. () ESV remote 25-100ft toward exit (6.12.10)
r. () Pump has remote cutoff switch (6.17.2.3 (D))
s. () Evidence of smoking within 25' (7.2.3.2(B))
t. () Source of ignition control (7.2.3.2)
u. () Piping designed to exclude debris (6.18.2.5)
4. TRUCKS IN BULK PLANT AREA
a. () Parked 10' minimum from tanks for loading/unloading (7.2.3.3)
b. () Wheel stops provided and used (9.4.8)
c. () Evidence of smoking in trucks (9.4.10)
5. PROCEDURES
a. () Operating procedures (14.2.1)
b. () Maintenance procedures (14.3.1)
c. () Fire safety analysis (6.25.3)

- 6. CYLINDER FILLING ROOM (in addition to 3)
a. () Excess Flow valve -pipe at hose (6.24.3.5)
b. () Must comply with chapter 10 (6.24.3.2)
c. () Fire extinguisher-18 lbs dry chemical with B-C rating (6.25.4.2)
7. RAIL DELIVERY POINT (in addition to 3)
a. () Level (6.18.2.3 (A))
b. () Bumpers at end of siding (6.18.2.3 (C))
c. () Sign, TANK CAR CONNECTED (7.2.3.6 (1))
d. () Wheels chocked (7.2.3.6 (2))
e. () ESV at tank car end of hose or swivel type piping (or excess-flow for low to car)(6.18.2.6) (7.2.3.7)
8. VAPORIZERS
a. () Make, Model Approved (5.2.1)
b. () Location (6.21)

- 9. FIRE PROTECTION AND SECURITY
a. () Fence 6' industrial w/2 gates (6.18.4.2)
b. () Fire Extinguisher, 18 lb dry chemical with B-C rating (6.25.4.2)
c. () Combustibles, including dry weeds & dry grass, kept 10' from tanks and transfer points (6.4.5.2)
d. () Lighting (if night loading, unloading or operations are conducted) (6.18.5)
e. () Stored tanks kept at least 5' from Bulk Tank (6.3.1)
f. () NO SMOKING sign on fence around plant (6.22.3)
g. () ESV remote marked with sign (6.12.10 (1))
h. () Tanks stored outside fenced area must have openings plugged or capped (5.7.7)
i. () Plant locked when unattended (6.18.4)

- 10. RISK MANAGEMENT PROGRAM (NCDEMR Div. of Air Quality Chemical Accident Prevention Checklist) (40CFR Part 68, CAA Section 112(p))
a. () The quantity of L.P.-Gas stored at the facility is greater than 10,000 lbs.
b. () If propane, this facility qualifies for the Fuels Regulatory Relief Act.
c. () If required, the facility has a Risk Management Plan (RMP).

- 11. OTHER
a. () Violations not listed above #

2. PIPING

- a. () Proper material, schedule 40 or 80 (5.9.3.1) (6.9.3.5)
b. () Supported (6.9.3.10)
c. () Protected from vehicular traffic (6.6.1.2) (6.9.3.10)
d. () Protected from coating if underground (6.9.3.14) (6.16.1)
e. () Painted if above ground (6.9.3.11)
f. () Leak free (6.14.1)
g. () Hydrostatic relief valve where liquid can be trapped (6.13)
h. () Caps on hydrostatic relief valves if not pointed downward (6.7.2.4)
i. () Flexible connectors no more than 60", proper condition (6.9.6.2)

- a. () Excess flow valve where pipe size decreases (5.7.8.1)(H)
b. () Piping & valves on pump pressure -350 PSI min. (5.12.2)
3. TRANSFER POINTS (Bulkhead, Rail Load, Bottle Fill)
a. () Cargo vehicles located 10' minimum from tank (7.2.3.3)
b. () 25 feet from public ways (6.5.3)
c. () 25 feet from buildings, openings, pits, property lines, railroad tracks (6.5.3)
d. () 50 feet from outdoor public assembly (6.5.3)
e. () 5 feet from driveways (6.5.3)
f. () 20 feet from other fields greater than 660 gallons capacity (6.4.5.5)
g. () 15 feet from non-Class 1, Division 2, electrical wiring and fixture (6.22.2)
h. () 10 feet from containers other than those being filled -includes stored tanks (Table 6.5.3)
i. () Hoses 350 PSI-labeled, good condition (5.9.6.4)
j. () Bulkhead securely anchored (6.12.8)
k. () Bulkhead design protects plant piping (Reg. .0701 (1) (f)) (6.12.8)
l. () Automatic closure of ESV's (Reg. .0701(1)(f)) (6.12.6)
m. () Piping at bulkhead labeled &/or color coded (5.7.8.5)
n. () Back check, emergency shutoff valves (ESV) located behind bulkhead (6.12.8)
o. () ESV has remote actuations and is operational (5.12.4)(6.12.9)(3)
p. () ESV thermal actuation (6.12.6)(5.12.4)
q. () ESV remote 25-100ft toward exit (6.12.10)
r. () Pump has remote cutoff switch (6.17.2.3 (D))
s. () Evidence of smoking within 25' (7.2.3.2(B))
t. () Source of ignition control (7.2.3.2)
u. () Piping designed to exclude debris (6.18.2.5)
4. TRUCKS IN BULK PLANT AREA
a. () Parked 10' minimum from tanks for loading/unloading (7.2.3.3)
b. () Wheel stops provided and used (9.4.8)
c. () Evidence of smoking in trucks (9.4.10)
5. PROCEDURES
a. () Operating procedures (14.2.1)
b. () Maintenance procedures (14.3.1)
c. () Fire safety analysis (6.25.3)

- 6. CYLINDER FILLING ROOM (in addition to 3)
a. () Excess Flow valve -pipe at hose (6.24.3.5)
b. () Must comply with chapter 10 (6.24.3.2)
c. () Fire extinguisher-18 lbs dry chemical with B-C rating (6.25.4.2)
7. RAIL DELIVERY POINT (in addition to 3)
a. () Level (6.18.2.3 (A))
b. () Bumpers at end of siding (6.18.2.3 (C))
c. () Sign, TANK CAR CONNECTED (7.2.3.6 (1))
d. () Wheels chocked (7.2.3.6 (2))
e. () ESV at tank car end of hose or swivel type piping (or excess-flow for low to car)(6.18.2.6) (7.2.3.7)
8. VAPORIZERS
a. () Make, Model Approved (5.2.1)
b. () Location (6.21)

- 9. FIRE PROTECTION AND SECURITY
a. () Fence 6' industrial w/2 gates (6.18.4.2)
b. () Fire Extinguisher, 18 lb dry chemical with B-C rating (6.25.4.2)
c. () Combustibles, including dry weeds & dry grass, kept 10' from tanks and transfer points (6.4.5.2)
d. () Lighting (if night loading, unloading or operations are conducted) (6.18.5)
e. () Stored tanks kept at least 5' from Bulk Tank (6.3.1)
f. () NO SMOKING sign on fence around plant (6.22.3)
g. () ESV remote marked with sign (6.12.10 (1))
h. () Tanks stored outside fenced area must have openings plugged or capped (5.7.7)
i. () Plant locked when unattended (6.18.4)

- 10. RISK MANAGEMENT PROGRAM (NCDEMR Div. of Air Quality Chemical Accident Prevention Checklist) (40CFR Part 68, CAA Section 112(p))
a. () The quantity of L.P.-Gas stored at the facility is greater than 10,000 lbs.
b. () If propane, this facility qualifies for the Fuels Regulatory Relief Act.
c. () If required, the facility has a Risk Management Plan (RMP).

- 11. OTHER
a. () Violations not listed above #

LP-Gas Inspection Report
Additional Remarks Page

300943

STANDARDS DIVISION
1050 Mail Service Center, Raleigh, NC 27699-1050

Stephen Benjamin, Director
(919) 733-3313

This form is an attachment to LP-Gas Inspection Report:

LPG-1A #	
LPG-3A #	
LPG-4 #	
LPG-5 #	29059

dated 11-2-11

Additional remarks from the above LP-Gas Inspection Report are:

5A Operating Procedures are incomplete, Operating Procedures must comply with chapter 14a NCGS 2ND NOTICE

5B Maintenance Procedures are incomplete and have not been pulled out. 2ND NOTICE

Date 11-2-11

STANDARDS DIVISION

Approved

County Wayne

L.P. Gas Inspection Report

Rejected

Site Name Mill Branches Facility

1050 Mail Service Center Raleigh NC 27699-1050

Address

Stephen Benjamin, Director (919) 733-3313

File No. 2490

See additional remarks page

BULK PLANT INSPECTION

Make repairs by 30 days and return this entire report, not a copy, duly signed, to this office

NOTE: Regulatory Cite - G.S. 119, Article 5 and 2 NCAC 38

Date ALL Repairs Completed

Inspector

Name of Service Person

Agent

1. TANKS

- a. () Data Plate Legible (5.2.8.3)
- b. () 250 PSI Working Pressure (5.2.4.2)
- c. () Rotary Gage or Magnetic Quantity Gage (5.7.4.4)
- d. () Pressure Gage (5.7.4.4)
- e. () Temperature Gage (5.7.4.4)
- f. () Contour Concrete Saddles or Welded Steel Saddle on Concrete Pier (6.6.3.1)
- g. () Corrosion protection between tank & saddle (6.6.3.5)
- h. () Paint (6.6.1.4)
- i. () Relief Valves, proper (6.7.2.3)
- j. () Relief Valve discharge, (6.7.2.14)
- k. () Relief Valve Riser Cover (6.7.2.4)
- l. () Excess flow and back check valves located in container (5.7.8.1)
- m. () Shutoff valves as close to container as practical (5.7.8.1 (E))
- n. () Thermal and remote closure (6.11.3)
- o. () Remote shutdown station and sign (6.11.4)(6.11.5)
- p. () Leak free (6.14.1)
- q. () Openings labeled LIQUID or VAPOR (5.7.8.5)
- r. () Proper separation from buildings, property lines (6.3.1)
- s. () 5 feet (or as req.) between tanks (6.3.1)
- t. () 20 feet from other fuels greater than 660 gallons capacity (6.4.5.5)
- u. () 6 feet horizontally from overhead power line of 600V or more (6.4.5.1.2)
- v. () Protected from vehicular traffic (6.6.1.2)
- w. () Tank or property identified as to owner/user. (GS 119.58 (b))
- x. () Cathodic protection for UG/grounded tank (6.6.6)

- i. () Excess flow valve where pipe size decreases (5.7.8.1(H))
- j. () Piping & valves on pump pressure -350 PSI min. (5.12.2)

3. TRANSFER POINTS

- a. () Cargo vehicles located 10' minimum from tank (7.2.3.3)
- b. () 25 feet from public ways (6.5.3)
- c. () 25 feet from buildings, openings, pits, property lines, railroad tracks (6.5.3)
- d. () 50 feet from outdoor public assembly (6.5.3)
- e. () 5 feet from driveways (6.5.3)
- f. () 20 feet from other fuels greater than 660 gallons capacity (6.4.5.5)
- g. () 15 feet from non-Class I, Division 2, electrical wiring and fixture (6.22.2)
- h. () 10 feet from containers other than those being filled -includes stored tanks (Table 6.5.3)
- i. () Hoses 350 PSI-labeled, good condition (5.9.6.4)
- j. () Bulkhead securely anchored (6.12.8)
- k. () Bulkhead design protects plant piping (Reg. .0701 (1) (f)) (6.12.8)
- l. () Automatic closure of ESV's (Reg. .0701(1)(D)) (6.12.6)
- m. () Piping at bulkhead labeled &/or color coded (5.7.8.5)
- n. () Back check, emergency shutoff valves (ESV) located behind bulkhead (6.12.8)
- o. () ESV has remote actuations and is operational (5.12.4)(6.12.9)
- p. () ESV thermal actuation (6.12.6)(5.12.4)
- q. () ESV remote 25-100ft toward exit (6.12.10)
- r. () Pump has remote cutoff switch (6.17.2.3 (D))
- s. () Evidence of smoking within 25' (7.2.3.2(B))
- t. () Source of ignition control (7.2.3.2)
- u. () Piping designed to exclude debris (6.18.2.5)

8. VAPORIZERS

- a. () Make, Model Approved (5.21)
- b. () Location (6.21)

9. FIRE PROTECTION AND SECURITY

- a. () Fence 6' industrial w/2 gates (6.18.4.2)
- b. () Fire Extinguisher: 18 lb dry chemical with B:C rating (6.25.4.2)
- c. () Combustibles, including dry weeds & dry grass, kept 10' from tanks and transfer points (6.4.5.2)
- d. () Lighting (if night loading, unloading or operations are conducted) (6.18.5)
- e. () Stored tanks kept at least 5' from Bulk Tank (6.3.1)
- f. () NO SMOKING sign on fence around plant (6.22.3)
- g. () ESV remote marked with sign (6.12.10 (1))
- h. () Tanks stored outside fenced area must have openings plugged or capped (5.7.7)
- i. () Plant locked when unattended (6.18.4)

10. RISK MANAGEMENT PROGRAM

(NCDENR Div. of Air Quality Chemical Accident Prevention Checklist) (40CFR Part 68, CAA Section 112(f))

- a. () The quantity of LP-Gas stored at the facility is greater than 10,000 lbs.
- b. () If propane, this facility qualifies for the Fuels Regulatory Relief Act.
- c. () If required, the facility has a Risk Management Plan (RMP).

11. OTHER

- a. () Violations not listed above #

2. PIPING

- a. () Proper material, schedule 40 or 80 (5.9.3.1) (6.9.3.5)
- b. () Supported (6.9.3.10)
- c. () Protected from vehicular traffic (6.6.1.2) (6.9.3.10)
- d. () Protective coating if underground (6.9.3.14) (6.16.1)
- e. () Painted if above ground (6.9.3.11)
- f. () Leak free (6.14.1)
- g. () Hydrostatic relief valve where liquid can be trapped (6.13)
- h. () Caps on hydrostatic relief valves if not pointed downward (6.7.2.4)
- i. () Flexible connectors no more than 60", proper condition (6.9.6.2)

4. TRUCKS IN BULK PLANT AREA

- a. () Parked 10' minimum from tanks for loading/unloading (7.2.3.3)
- b. () Wheel stops provided and used (9.4.8)
- c. () Evidence of smoking in trucks (9.4.10)

5. PROCEDURES

- a. () Operating procedures (14.2.1)
- b. () Maintenance procedures (14.3.1)
- c. () Fire safety analysis (6.25.3)

LP-Gas Inspection Report
Additional Remarks Page

STANDARDS DIVISION
1050 Mail Service Center, Raleigh, NC 27699-1050
Stephen Benjamin, Director
(919) 733-3313

This form is an attachment to LP-Gas Inspection Report: -

LPG-1A #	_____
LPG-3A #	_____
LPG-4 #	_____
LPG-5 #	29060

dated 11-2-11

Additional remarks from the above LP-Gas Inspection Report are:

- 34 Remove wooden ~~top~~ shed from around Shampack Bulldozer
- 39 - Shed over ESV shut-down Station with 3 sides made removed - then in so the ESV can be in Park of again.